

RYP Polyclonal Antibody

Catalog No :	YN2311
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	RYP
Fields :	>>Wnt signaling pathway;>>Axon guidance
Gene Name :	RYP JTK5A
Protein Name :	Tyrosine-protein kinase RYP (EC 2.7.10.1)
Human Gene Id :	6259
Human Swiss Prot No :	P34925
Mouse Swiss Prot No :	Q01887
Immunogen :	Synthesized peptide derived from human protein . at AA range: 150-230
Specificity :	RYP Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 66kD

Background : The protein encoded by this gene is an atypical member of the family of growth factor receptor protein tyrosine kinases, differing from other members at a number of conserved residues in the activation and nucleotide binding domains. This gene product belongs to a subfamily whose members do not appear to be regulated by phosphorylation in the activation segment. It has been suggested that mediation of biological activity by recruitment of a signaling-competent auxiliary protein may occur through an as yet uncharacterized mechanism. The encoded protein has a leucine-rich extracellular domain with a WIF-type Wnt binding region, a single transmembrane domain, and an intracellular tyrosine kinase domain. This protein is involved in stimulating Wnt signaling pathways such as the regulation of axon pathfinding. Alternative splicing results in multiple transcript variants encoding distinct isoforms

Function : catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Potential growth factor receptor protein tyrosine kinase.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 WIF domain.,tissue specificity:Observed in all the tissues examined.,

Subcellular Location : Membrane ; Single-pass type I membrane protein . Nucleus . Cytoplasm . In cells that have undergone neuronal differentiation, the C-terminal cleaved part is translocated from the cytoplasm to the nucleus. .

Expression : Observed in all the tissues examined.

Sort : 21442

No4 : 1

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